PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : F41G 3/26 — A1

(11) International Publication Number: WO 00/53996

(43) Internati nal Publication Date: 14 September 2000 (14.09.00)

(21) International Application Number: PCT/EP00/02045

(22) International Filing Date: 8 March 2000 (08.03.00)

(30) Priority Data:
MI99A000484 10 March 1999 (10.03.99) IT

(71)(72) Applicant and Inventor: AMBROSOLI, Franco [IT/IT]; Via Dolores Bello 5, I-28100 Novara (IT).

(72) Inventor; and

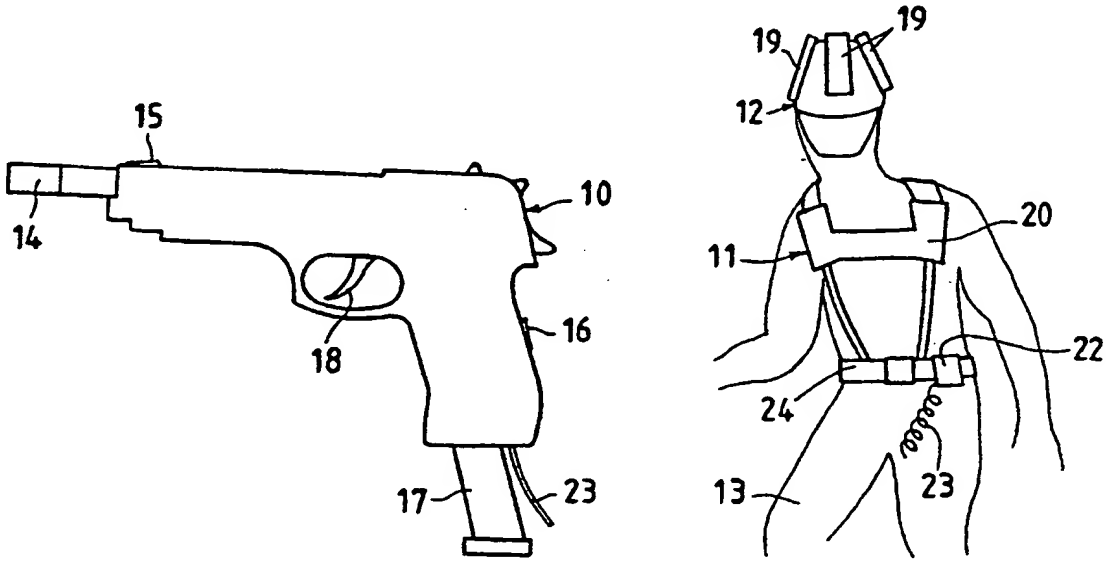
(75) Inventor/Applicant *(for US only)*: PORZIO, Massimo [IT/IT]; Via Cavourt 12, I-28068 Romentino-Novara (IT).

(74) Agents: DE GREGORI, Antonella et al.; ING. Barzano' & Zanardo Milanos. S.p.A., Via Borgonuovo 10, I-20121 Milan (IT).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: EQUIPMENT FOR DETECTING THAT A TARGET HAS RECEIVED A DIRECT HIT FROM A SIMULATED WEAPON



(57) Abstract

Equipment for detecting that a target has received a direct hit from a simulated weapon including a weapon (10, 30) and a target (11, 12, 38, 45), and characterised in that said weapon (10, 30) provides an emitter of signals or laser shots (14, 33) operated by a switch (16, 35) and a trigger (18, 36), and in that said target includes sensors (19, 20, 38a, 41–44) affixed to a supporting element (12, 11, 38, 45). Said sensors are operatively connected to an electronic detection circuit for a signal or laser shot received by the same sensors.